

## DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"METHOD FOR PRODUCING PLEUROMUTILINS"

the specification of which (check one)

☐ is attached hereto.

☒ was filed on 07 August 2003  
and was amended on

as Serial No. PCT/GB2003/003452  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or Inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Number	Country	Filing Date	Priority Claimed
0218578.3	GB	09 August 2002	YES

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date
--------------------	-------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Serial No.	Filing Date	Status
------------	-------------	--------

## DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"METHOD FOR PRODUCING PLEUROMUTILINS"

the specification of which (check one)

☐ is attached hereto.

☒ was filed on 07 August 2003  
and was amended on

as Serial No. PCT/GB2003/003452  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or Inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Number	Country	Filing Date	Priority Claimed
0218578.3	GB	09 August 2002	YES

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date
--------------------	-------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Serial No.	Filing Date	Status
------------	-------------	--------

Full Name of Inventor: David Alan YEANDLE

Inventor's Signature: \_\_\_\_\_


Date: \_\_\_\_\_

Residence: WORTHING, WEST SUSSEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: David Alan YEANDLE

64 Inventor's Signature: 

Date: 30th Aug 2005

Residence: WORTHING, WEST SUSSEX, GB

GBY

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

## DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"METHOD FOR PRODUCING PLEUROMUTILINS"

the specification of which (check one)

☐ is attached hereto.

☒ was filed on 07 August 2003  
and was amended on

as Serial No. PCT/GB2003/003452  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or Inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Number	Country	Filing Date	Priority Claimed
0218578.3	GB	09 August 2002	YES

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date
--------------------	-------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Serial No.	Filing Date	Status
------------	-------------	--------

Direct all correspondence to the address associated with Customer Number 20462.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Michael John REES

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: HARLOW, ESSEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Keith Graham ROBINS

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: WORTHING, WEST SUSSEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Anna Louisa STEFANSKA

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: C/O HARLOW, ESSEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Jan Edward THIRKETTLE

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: BRENTFORD, MIDDLESEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

4a) Full Name of Inventor: Michael Sidney VERRALL

Inventor's Signature: MS Verrall

Date: 16 Sept 2005

Residence: ~~DORKING, SURREY, GB~~  
EAST GRINSTEAD, WEST SUSSEX

Citizenship: BRITISH

MS Verrall

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

CBX

Full Name of Inventor: David Alan YEANDLE

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: WORTHING, WEST SUSSEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939



3W  
Full Name of Inventor: Anna Louisa STEFANSKA

Inventor's Signature: Anna Stefanska

Date: 18<sup>th</sup> August 2005

Residence: C/O HARLOW, ESSEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Jan Edward THIRKETTLE

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: BRENTFORD, MIDDLESEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Michael Sidney VERRALL

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: DORKING, SURREY, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Direct all correspondence to the address associated with Customer Number 20462.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

rw) Full Name of Inventor: Michael John REES

Inventor's Signature: 

Date: 16th August 2005

Residence: HARLOW, ESSEX, GB

GBX

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Keith Graham ROBINS

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: WORTHING, WEST SUSSEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Direct all correspondence to the address associated with Customer Number 20462.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Michael John REES

Inventor's Signature: 

Date: \_\_\_\_\_

Residence: HARLOW, ESSEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Keith Graham ROBINS 

Inventor's Signature: 

Date: 16 August 2005

Residence: WORTHING, WEST SUSSEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

GBY

Full Name of Inventor: Anna Louisa STEFANSKA

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: C/O HARLOW, ESSEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

4w) Full Name of Inventor: Jan Edward THIRKETTLE

Inventor's Signature: \_\_\_\_\_

Date: 16 Aug 2005

Residence: BRENTFORD, MIDDLESEX, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Michael Sidney VERRALL

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: DORKING, SURREY, GB

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Approved for use through 11/30/2005. OMB 0651-0035

## U.S. Patent and Trademark Office: US DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

<b>POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM</b>	<b>Application Number</b>	PCT/GB2003/003452
	<b>Filing Date</b>	07 August 2003
	<b>First Named Inventor</b>	Michael John REES
	<b>Title</b>	METHOD FOR PRODUCING PLEUROMUTILINS
	<b>Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	P33093
I hereby appoint: <input checked="" type="checkbox"/> Practitioners associated with the Customer Numbers.      20462 Or <input type="checkbox"/> Practitioner(s) named below:		
Name		Registration Number
As my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.		
Please recognize or change the correspondence address for the above-identified application to: <input type="checkbox"/> The address associated with the above-mentioned Customer Number: Or <input checked="" type="checkbox"/> The address associated with Customer Number 20462 Or <input type="checkbox"/> Firm or Individual Name:		
Address:		
Address:		
City:	State:	Zip:
Country:		
Telephone:	Fax:	
I am the: <input type="checkbox"/> Applicant/Inventor: <input checked="" type="checkbox"/> Assignee or record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)		
<b>SIGNATURE of Applicant or Assignee of Record</b>		
Signature:	Date: 30 AUG 2005	
Name: Peter John GIDDINGS	Telephone: +44 20 8047 4414	
Title and Company: Attorney and Authorised Official, Glaxo Group Limited.		
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.		
<input type="checkbox"/> *Total of:      forms are submitted.		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is essential to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**STATEMENT UNDER 37 CFR 3.73(b)****Applicant/Patent Owner: Glaxo Group Limited.****International Application No./Patent No.: PCT/GB2003/003452 Filed/Issue Date: 07 August 2003****Entitled: METHOD FOR PRODUCING PLEUROMUTILINS****Glaxo Group Limited, a corporation, states that it is:**1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percent age) of its ownership interest is \_\_\_\_\_% in the patent application/patent identified above by virtue of either;

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

**30 AUG 2005**

Signature

Date

Peter John GIDDINGS

+44 20 8047 4414

Printed or Typed Name

Telephone Number

Attorney and Authorised Official

Title

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is essential to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## ASSIGNMENT

WHEREAS I/WE, Michael John REES of Harlow, Essex, GB; Keith Graham ROBINS of Worthing, West Sussex, GB; Anna Louisa STEFANSKA of c/o Harlow, Essex, GB; Jan Edward THIRKETTLE of Brentford, Middlesex, GB; *M-S. Verrall* Michael Sidney VERRALL of <sup>EAST GRINSTEAD, WEST SUSSEX</sup> ~~Dorking Surrey~~, GB and David Alan YEANDLE of Worthing, West Sussex, GB (hereinafter called "the inventor(s)") have invented or discovered **"METHOD FOR PRODUCING PLEUROMUTILINS"** (hereinafter called "the invention") for which a patent application No. **0218578.3** was filed on **09 August 2002** in the United Kingdom and for which an international patent application is now being filed designating the United States of America. I/we hereby authorize and request that the filing date and PCT International application, when known, be inserted here in parentheses;

PCT/GB2003/003452 filed 07 August 2003

**WHEREAS** the invention, being made in the course of my employment, belongs to my/our employer, namely **GLAXOSMITHKLINE SERVICES UNLIMITED** a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, and

**WHEREAS GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED**, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring from **GLAXOSMITHKLINE SERVICES UNLIMITED** the whole right, title and interest in and to the invention and the application, and

**GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** have authorised and requested m/our making the application, and

**WHEREAS GLAXO GROUP LIMITED** a company organised and existing under and by virtue of the laws of England and having its principal place of business at

Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England, is desirous of acquiring from **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** the whole right, title and interest in and to the invention and the application in respect of the United States of America;

**NOW, THEREFORE**, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by **GLAXOSMITHKLINE SERVICES UNLIMITED** of the invention and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and interest in the invention and the application (which I/we do not believe to be the case and claim no ownership right, title or interest in the invention and the application based on the law of the United Kingdom), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and the application to **GLAXOSMITHKLINE SERVICES UNLIMITED**. **GLAXOSMITHKLINE SERVICES UNLIMITED** in turn hereby assigns and transfers to **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** its whole right, title and interest in and to the invention and the application. **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** in turn hereby assigns and transfers to **GLAXO GROUP LIMITED** its whole right, title and interest in and throughout the United States of America in and to the invention and the application and in and to any priority rights in respect of the invention and the application and in and to any divisional application, continuation or continuation in part application thereof, and in and to any extension or re-issue thereof, and I/we the inventor(s) and **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby authorise and request any patent arising therefrom in the United States of America be issued to **GLAXO GROUP LIMITED**.

**AND GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby, and I/we the inventor(s) for myself/ourselves and my/our respective executors and legal representatives hereby, agree to provide information and make execute and deliver any and all



other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in **GLAXO GROUP LIMITED**, its successors and assigns, the whole right, title and interest in and to the invention and the application hereby assigned and transferred in respect of the United States of America.

**IN WITNESS** whereof and with effect from **09 August 2002** the inventor(s) and **Peter John GIDDINGS** as Attorney of both **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** by virtue of Powers of Attorney granted by **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** respectively have hereunto set their respective hands.

---

**SIGNED by Michael John REES**

**Date:** .....

---

**SIGNED by Keith Graham ROBINS**

**Date:** .....

---

**SIGNED by Anna Louisa STEFANSKA**

**Date:** .....

---

**SIGNED by Jan Edward THIRKETTLE**

**Date:** .....

MS Verrall

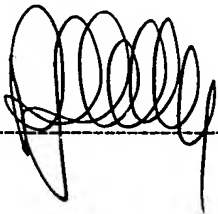
SIGNED by Michael Sidney VERRALL

Date: .....16 Sept 2005.....

SIGNED by David Alan YEANDLE

Date: .....

SIGNED by Peter John GIDDINGS as the Attorney of each of  
GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE  
RESEARCH AND DEVELOPMENT LIMITED:



Date: .....22 SEP 2005.....

## ASSIGNMENT

WHEREAS I/WE, **Michael John REES** of Harlow, Essex, GB; **Keith Graham ROBINS** of Worthing, West Sussex, GB; **Anna Louisa STEFANSKA** of c/o Harlow, Essex, GB; **Jan Edward THIRKETTLE** of Brentford, Middlesex, GB; **Michael Sidney VERRALL** of Dorking Surrey, GB and **David Alan YEANDLE** of Worthing, West Sussex, GB (hereinafter called "the inventor(s)") have invented or discovered "**METHOD FOR PRODUCING PLEUROMUTILINS**" (hereinafter called "the invention") for which a patent application No. **0218578.3** was filed on **09 August 2002** in the United Kingdom and for which an international patent application is now being filed designating the United States of America. I/we hereby authorize and request that the filing date and PCT International application, when known, be inserted here in parentheses;

PCT/GB2003/003452 filed 07 August 2003

**WHEREAS** the invention, being made in the course of my employment, belongs to my/our employer, namely **GLAXOSMITHKLINE SERVICES UNLIMITED** a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, and

**WHEREAS GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED**, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring from **GLAXOSMITHKLINE SERVICES UNLIMITED** the whole right, title and interest in and to the invention and the application, and

**GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** have authorised and requested my/our making the application, and

**WHEREAS GLAXO GROUP LIMITED** a company organised and existing under and by virtue of the laws of England and having its principal place of business at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN,

England, is desirous of acquiring from **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** the whole right, title and interest in and to the invention and the application in respect of the United States of America;

**NOW, THEREFORE**, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by **GLAXOSMITHKLINE SERVICES UNLIMITED** of the invention and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and interest in the invention and the application (which I/we do not believe to be the case and claim no ownership right, title or interest in the invention and the application based on the law of the United Kingdom), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and the application to **GLAXOSMITHKLINE SERVICES UNLIMITED**. **GLAXOSMITHKLINE SERVICES UNLIMITED** in turn hereby assigns and transfers to **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** its whole right, title and interest in and to the invention and the application. **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** in turn hereby assigns and transfers to **GLAXO GROUP LIMITED** its whole right, title and interest in and throughout the United States of America in and to the invention and the application and in and to any priority rights in respect of the invention and the application and in and to any divisional application, continuation or continuation in part application thereof, and in and to any extension or re-issue thereof, and I/we the inventor(s) and **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby authorise and request any patent arising therefrom in the United States of America be issued to **GLAXO GROUP LIMITED**.

**AND GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby, and I/we the inventor(s) for myself/ourselves and my/our respective executors and legal representatives hereby, agree to provide information and make execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are

necessary or desirable to more effectually secure to and vest in **GLAXO GROUP LIMITED**, its successors and assigns, the whole right, title and interest in and to the invention and the application hereby assigned and transferred in respect of the United States of America.

**IN WITNESS** whereof and with effect from **09 August 2002** the inventor(s) and **Peter John GIDDINGS** as Attorney of both **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** by virtue of Powers of Attorney granted by **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** respectively have hereunto set their respective hands.



SIGNED by Michael John REES

Date: 16th August 2005

SIGNED by Keith Graham ROBINS

Date: .....

SIGNED by Anna Louisa STEFANSKA

Date: .....

SIGNED by Jan Edward THIRKETTLE

Date: .....

---

SIGNED by Michael Sidney VERRALL

Date: .....

---

SIGNED by David Alan YEANDLE

Date: .....

SIGNED by Peter John GIDDINGS as the Attorney of each of  
GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE  
RESEARCH AND DEVELOPMENT LIMITED:



A handwritten signature consisting of several overlapping loops, written over a dashed horizontal line.

30 AUG 2005  
Date: .....

**ASSIGNMENT**

**WHEREAS I/WE, Michael John REES of Harlow, Essex, GB; Keith Graham ROBINS of Worthing, West Sussex, GB; Anna Louisa STEFANSKA of c/o Harlow, Essex, GB; Jan Edward THIRKETTLE of Brentford, Middlesex, GB; Michael Sidney VERRALL of Dorking Surrey, GB and David Alan YEANDLE of Worthing, West Sussex, GB** (hereinafter called "the inventor(s)") have invented or discovered **"METHOD FOR PRODUCING PLEUROMUTILINS"** (hereinafter called "the invention") for which a patent application No. **0218578.3** was filed on **09 August 2002** in the United Kingdom and for which an international patent application is now being filed designating the United States of America. I/we hereby authorize and request that the filing date and PCT International application, when known, be inserted here in parentheses;

PCT/GB2003/003452 filed 07 August 2003

**WHEREAS** the invention, being made in the course of my employment, belongs to my/our employer, namely **GLAXOSMITHKLINE SERVICES UNLIMITED** a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, and

**WHEREAS GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED**, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring from **GLAXOSMITHKLINE SERVICES UNLIMITED** the whole right, title and interest in and to the invention and the application, and

**GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** have authorised and requested my/our making the application, and

**WHEREAS GLAXO GROUP LIMITED** a company organised and existing under and by virtue of the laws of England and having its principal place of business at

Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England, is desirous of acquiring from **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** the whole right, title and interest in and to the invention and the application in respect of the United States of America;

**NOW, THEREFORE**, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by **GLAXOSMITHKLINE SERVICES UNLIMITED** of the invention and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and interest in the invention and the application (which I/we do not believe to be the case and claim no ownership right, title or interest in the invention and the application based on the law of the United Kingdom), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and the application to **GLAXOSMITHKLINE SERVICES UNLIMITED**. **GLAXOSMITHKLINE SERVICES UNLIMITED** in turn hereby assigns and transfers to **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** its whole right, title and interest in and to the invention and the application. **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** in turn hereby assigns and transfers to **GLAXO GROUP LIMITED** its whole right, title and interest in and throughout the United States of America in and to the invention and the application and in and to any priority rights in respect of the invention and the application and in and to any divisional application, continuation or continuation in part application thereof, and in and to any extension or re-issue thereof, and I/we the inventor(s) and **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby authorise and request any patent arising therefrom in the United States of America be issued to **GLAXO GROUP LIMITED**.

**AND GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby, and I/we the inventor(s) for myself/ourselves and my/our respective executors and legal representatives hereby, agree to provide information and make execute and deliver any and all



other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in **GLAXO GROUP LIMITED**, its successors and assigns, the whole right, title and interest in and to the invention and the application hereby assigned and transferred in respect of the United States of America.

**IN WITNESS** whereof and with effect from **09 August 2002** the inventor(s) and **Peter John GIDDINGS** as Attorney of both **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** by virtue of Powers of Attorney granted by **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** respectively have hereunto set their respective hands.

\_\_\_\_\_  
**SIGNED by Michael John REES**

**Date:** .....

\_\_\_\_\_  
**SIGNED by Keith Graham ROBINS**

**Date:** .....



\_\_\_\_\_  
**SIGNED by Anna Louisa STEFANSKA**

**Date:** *19<sup>th</sup> August 2005* .....

\_\_\_\_\_  
**SIGNED by Jan Edward THIRKETTLE**

**Date:** .....

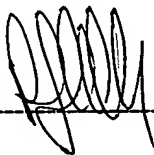
\_\_\_\_\_  
**SIGNED by Michael Sidney VERRALL**

**Date:** .....

\_\_\_\_\_  
**SIGNED by David Alan YEANDLE**

**Date:** .....

**SIGNED by Peter John GIDDINGS as the Attorney of each of  
GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE  
RESEARCH AND DEVELOPMENT LIMITED:**

  
\_\_\_\_\_

**30 AUG 2005**

**Date:** .....

## ASSIGNMENT

WHEREAS I/WE, **Michael John REES** of Harlow, Essex, GB; **Keith Graham ROBINS** of Worthing, West Sussex, GB; **Anna Louisa STEFANSKA** of c/o Harlow, Essex, GB; **Jan Edward THIRKETTLE** of Brentford, Middlesex, GB; **Michael Sidney VERRALL** of Dorking Surrey, GB and **David Alan YEANDLE** of Worthing, West Sussex, GB (hereinafter called "the inventor(s)") have invented or discovered "**METHOD FOR PRODUCING PLEUROMUTILINS**" (hereinafter called "the invention") for which a patent application No. **0218578.3** was filed on **09 August 2002** in the United Kingdom and for which an international patent application is now being filed designating the United States of America. I/we hereby authorize and request that the filing date and PCT International application, when known, be inserted here in parentheses;

PCT/GB2003/003452 filed 07 August 2003

**WHEREAS** the invention, being made in the course of my employment, belongs to my/our employer, namely **GLAXOSMITHKLINE SERVICES UNLIMITED** a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, and

**WHEREAS GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED**, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring from **GLAXOSMITHKLINE SERVICES UNLIMITED** the whole right, title and interest in and to the invention and the application, and

**GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** have authorised and requested my/our making the application, and

**WHEREAS GLAXO GROUP LIMITED** a company organised and existing under and by virtue of the laws of England and having its principal place of business at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN,

England, is desirous of acquiring from **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** the whole right, title and interest in and to the invention and the application in respect of the United States of America;

**NOW, THEREFORE**, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by **GLAXOSMITHKLINE SERVICES UNLIMITED** of the invention and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and interest in the invention and the application (which I/we do not believe to be the case and claim no ownership right, title or interest in the invention and the application based on the law of the United Kingdom), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and the application to **GLAXOSMITHKLINE SERVICES UNLIMITED**. **GLAXOSMITHKLINE SERVICES UNLIMITED** in turn hereby assigns and transfers to **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** its whole right, title and interest in and to the invention and the application. **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** in turn hereby assigns and transfers to **GLAXO GROUP LIMITED** its whole right, title and interest in and throughout the United States of America in and to the invention and the application and in and to any priority rights in respect of the invention and the application and in and to any divisional application, continuation or continuation in part application thereof, and in and to any extension or re-issue thereof, and I/we the inventor(s) and **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby authorise and request any patent arising therefrom in the United States of America be issued to **GLAXO GROUP LIMITED**.

**AND GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby, and I/we the inventor(s) for myself/ourselves and my/our respective executors and legal representatives hereby, agree to provide information and make execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are

necessary or desirable to more effectually secure to and vest in **GLAXO GROUP LIMITED**, its successors and assigns, the whole right, title and interest in and to the invention and the application hereby assigned and transferred in respect of the United States of America.

**IN WITNESS** whereof and with effect from **09 August 2002** the inventor(s) and **Peter John GIDDINGS** as Attorney of both **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** by virtue of Powers of Attorney granted by **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** respectively have hereunto set their respective hands.

\_\_\_\_\_  
SIGNED by Michael John REES

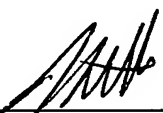
Date: .....

  
\_\_\_\_\_  
SIGNED by Keith Graham ROBINS

Date: ..... 16 August 2005 .....

\_\_\_\_\_  
SIGNED by Anna Louisa STEFANSKA


Date: .....

  
\_\_\_\_\_  
SIGNED by Jan Edward THIRKETTLE

Date: ..... 16 Aug 2005 .....

SIGNED by Michael Sidney VERRALL

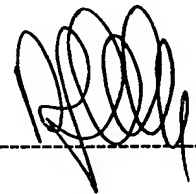
Date: .....

  
\_\_\_\_\_

SIGNED by David Alan YEANDLE

Date: 30th Aug 2005 .....

SIGNED by Peter John GIDDINGS as the Attorney of each of  
GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE  
RESEARCH AND DEVELOPMENT LIMITED:

  
\_\_\_\_\_

Date: 05 SEP 2005 .....